

FIGURE 1

A

Gamma 1:

hinge Ch₂

Native A E P K S C D K T H T C P P C P..... A P E ₂₃₄ ₂₃₅ L L G G P S.....

Mutated A E P K S S D K T H T S P P S P..... A P E ₂₃₄ ₂₃₅ A E G A P S.....

3

Gamma 4:

hinge..... Ch₂

Native A E S K Y G P P C P S C P..... A P E ₂₃₄ ₂₃₅ F L G G P S.....

Mutated A E S K Y G P P S P S S P..... A P E ₂₃₄ ₂₃₅ F G A P S.....

FIGURE 2

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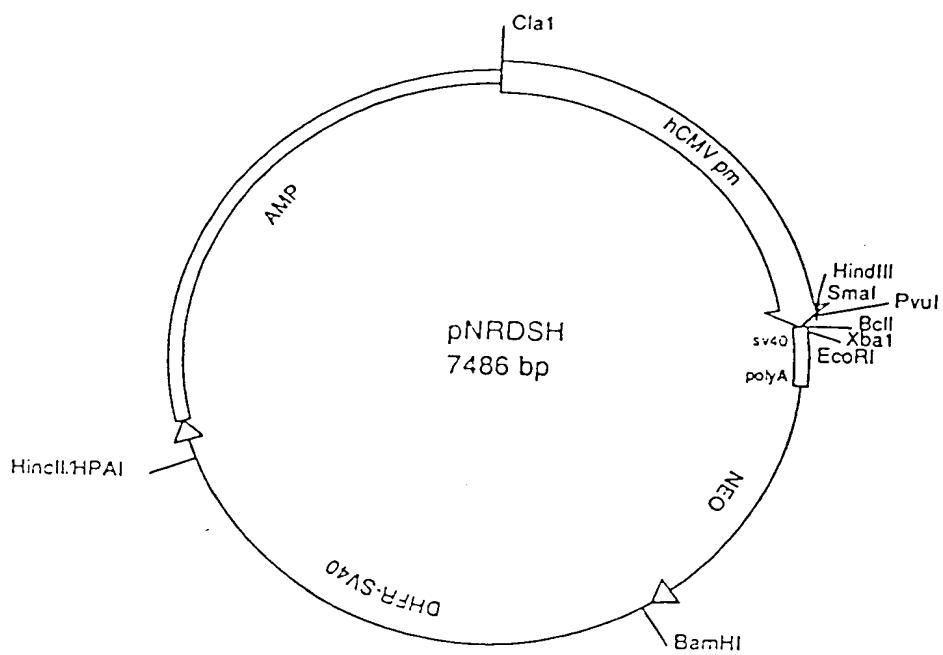
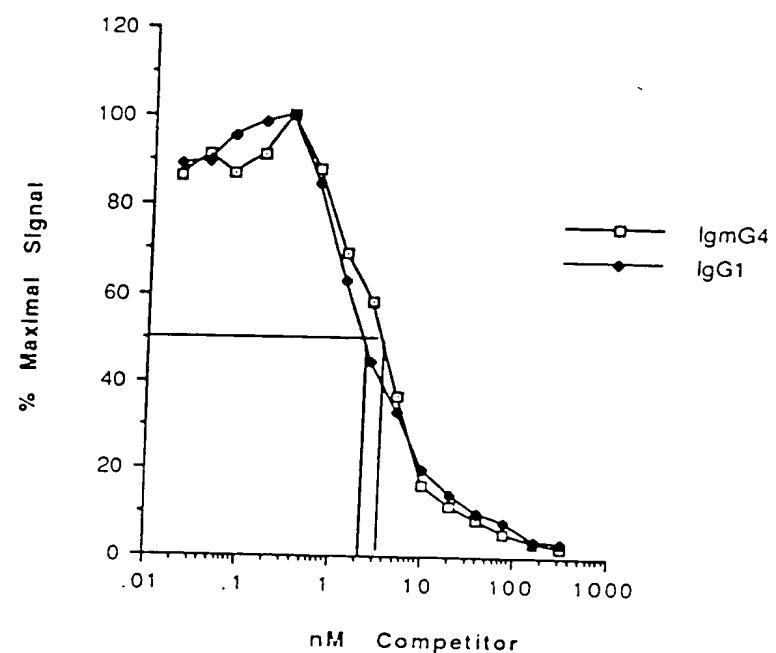


FIGURE 3

A.



B.

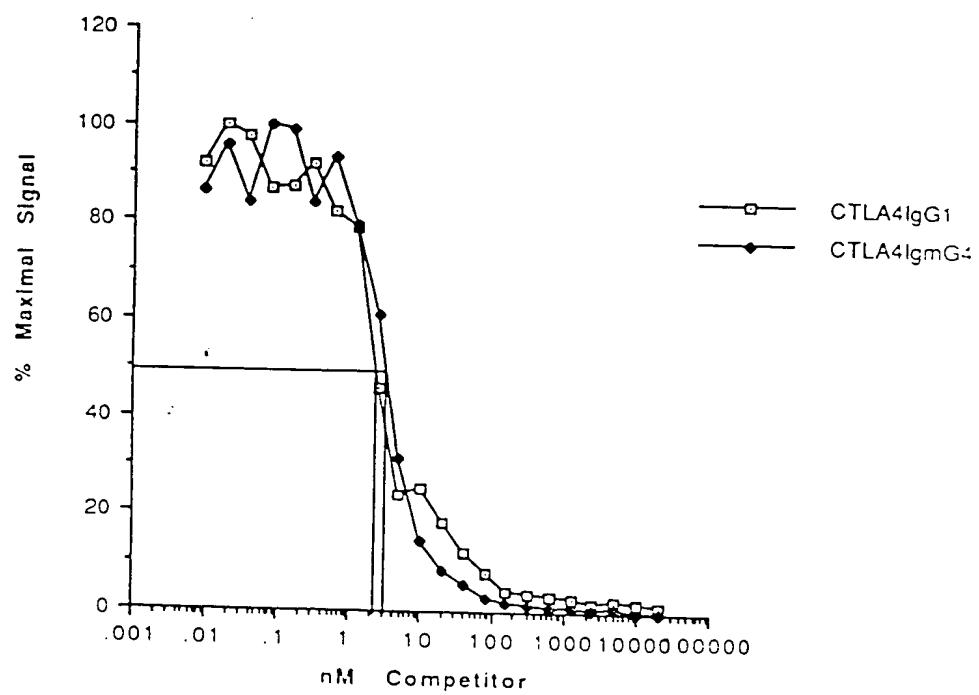
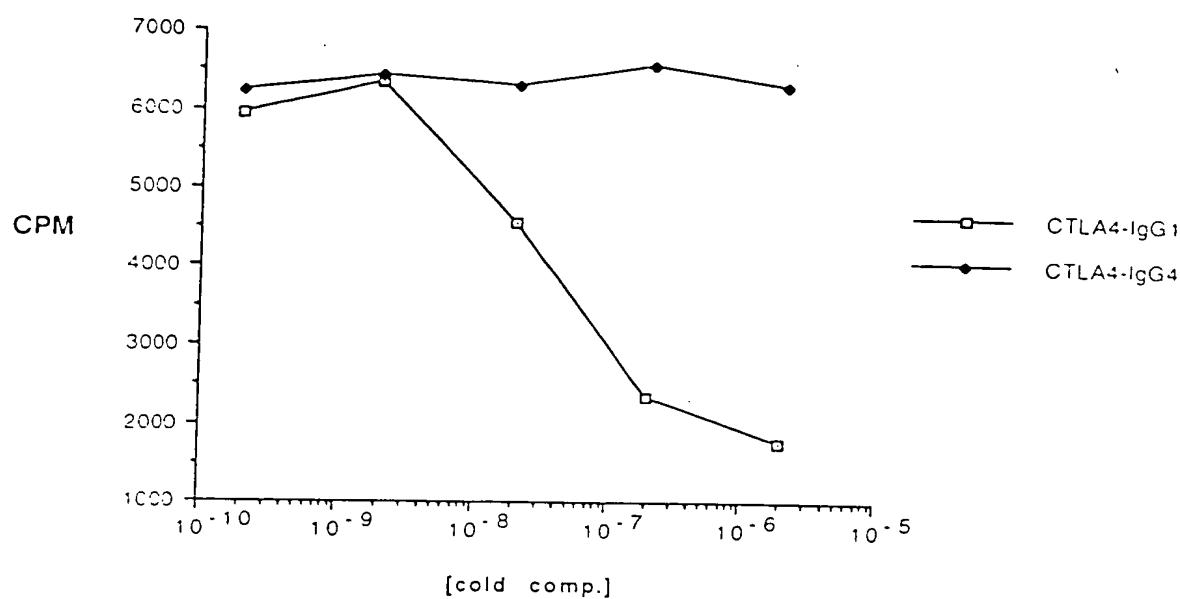


FIGURE 4

A



B

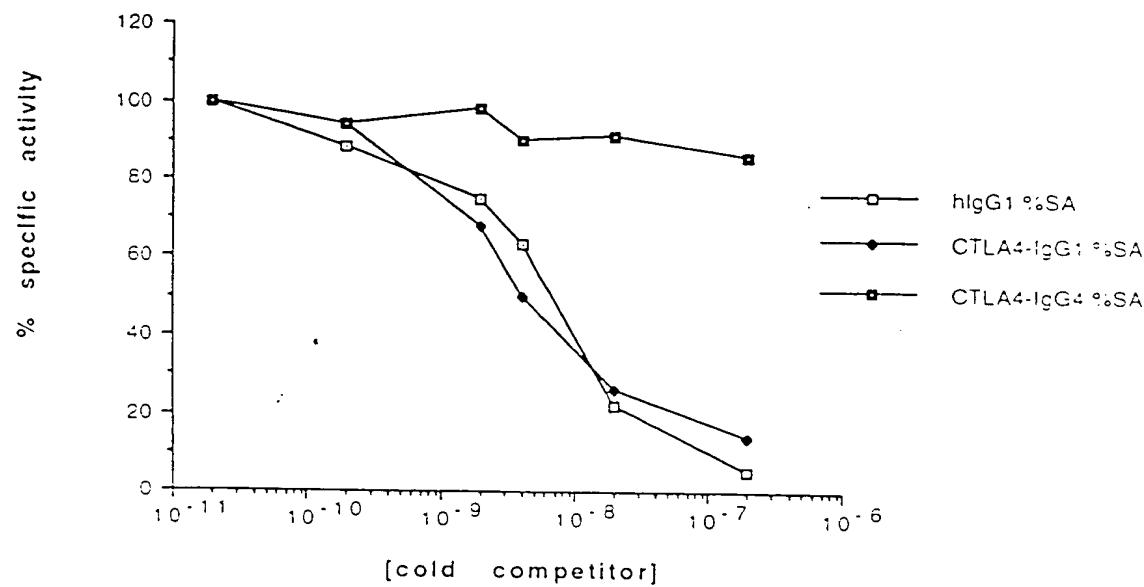
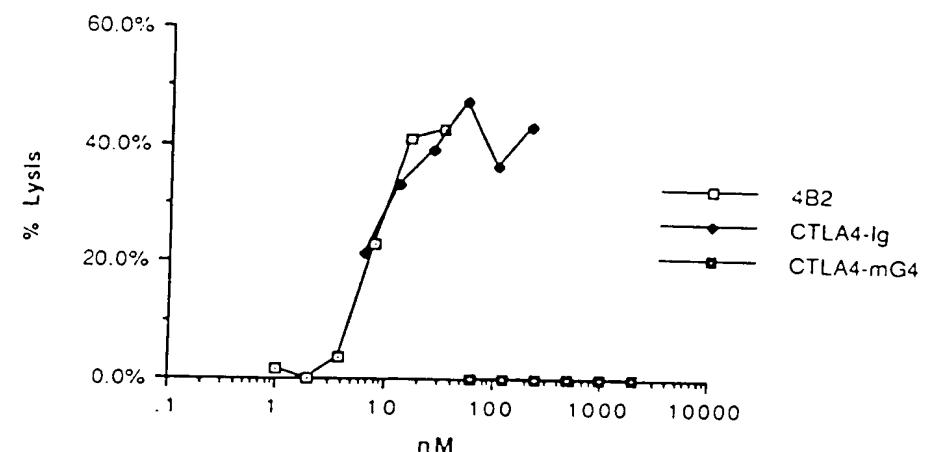
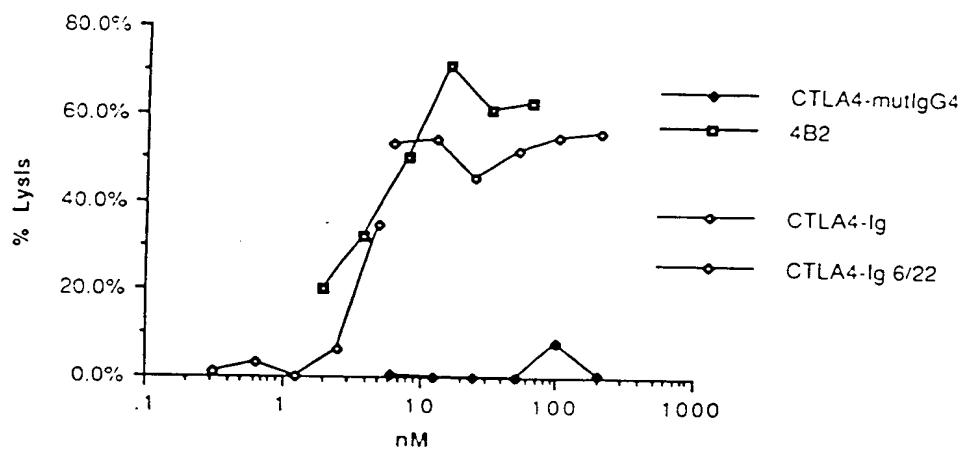


FIGURE 5

A.



B.



C.

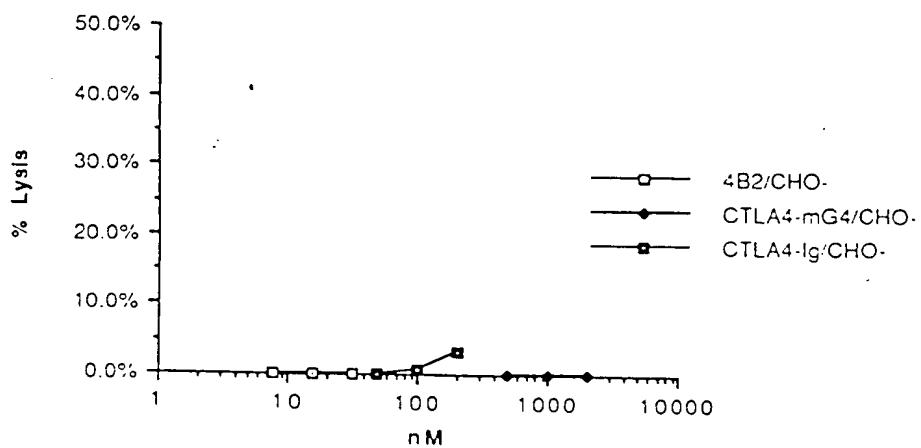


FIGURE 6

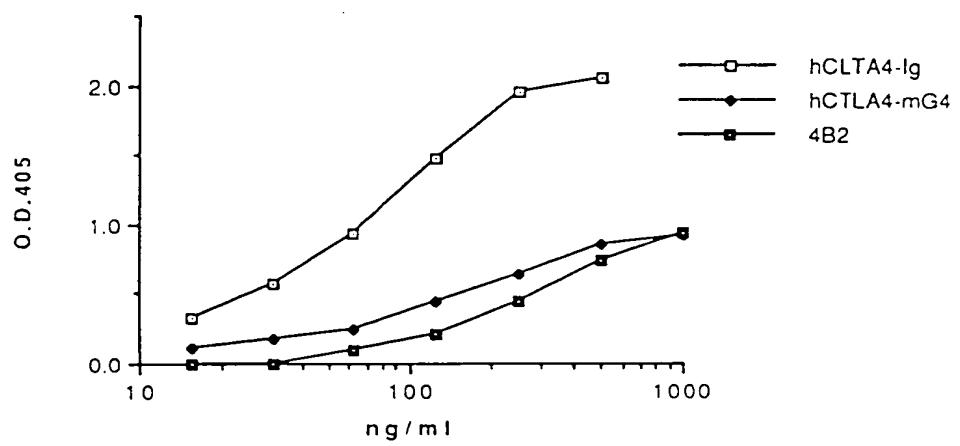


FIGURE 7

FIGURE 8

